

Public Information Meeting

State Project No. 88-187

**Rehabilitation of
Bridge Nos. 03912 & 03913**

**Route 71 Bridge
Rehabilitations
New Britain, Connecticut**

Project 88-187: Route 71 Bridge Rehabilitations
Connecticut Department of Transportation



Project Location



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Connecticut Department of Transportation



CTDOT Role and Mission

Bureau of Engineering and Construction

Transportation Project Responsibilities

- **Engineering design**
- **Construction**
- **Inspection**



Design Consultants

Design Consultant: LOCHNER

**Contact: Brian Byrne, P.E.
Structural Engineer**

CTDOT Liaison:



**Contact: Ed Sakl III, P.E.
Project Engineer**

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Project Goals

- **Increase safety of the traveling public**
- **Minimize construction disruptions**
- **Reduce future maintenance costs**
- **Use available funding effectively**



Reasons for Rehabilitation

- **Girder Repairs**
 - Beam ends
 - Cross Frames
- **Substructure Repairs**
 - Minor repairable cracks and spalls
- **Deck Repairs**
 - Preventative Maintenance



Existing Bridge No. 03912

- Built in 1971
- ADT: 13,800 (2012) with 6% truck traffic
- 8 Spans, Total Length: 631'
- Deck Width: 72'-0" curb to curb
- Overall Width: 106'-6"



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Existing Bridge No. 03912

- Concrete deck
- Steel Plate Girders
- Concrete Abutments and Piers

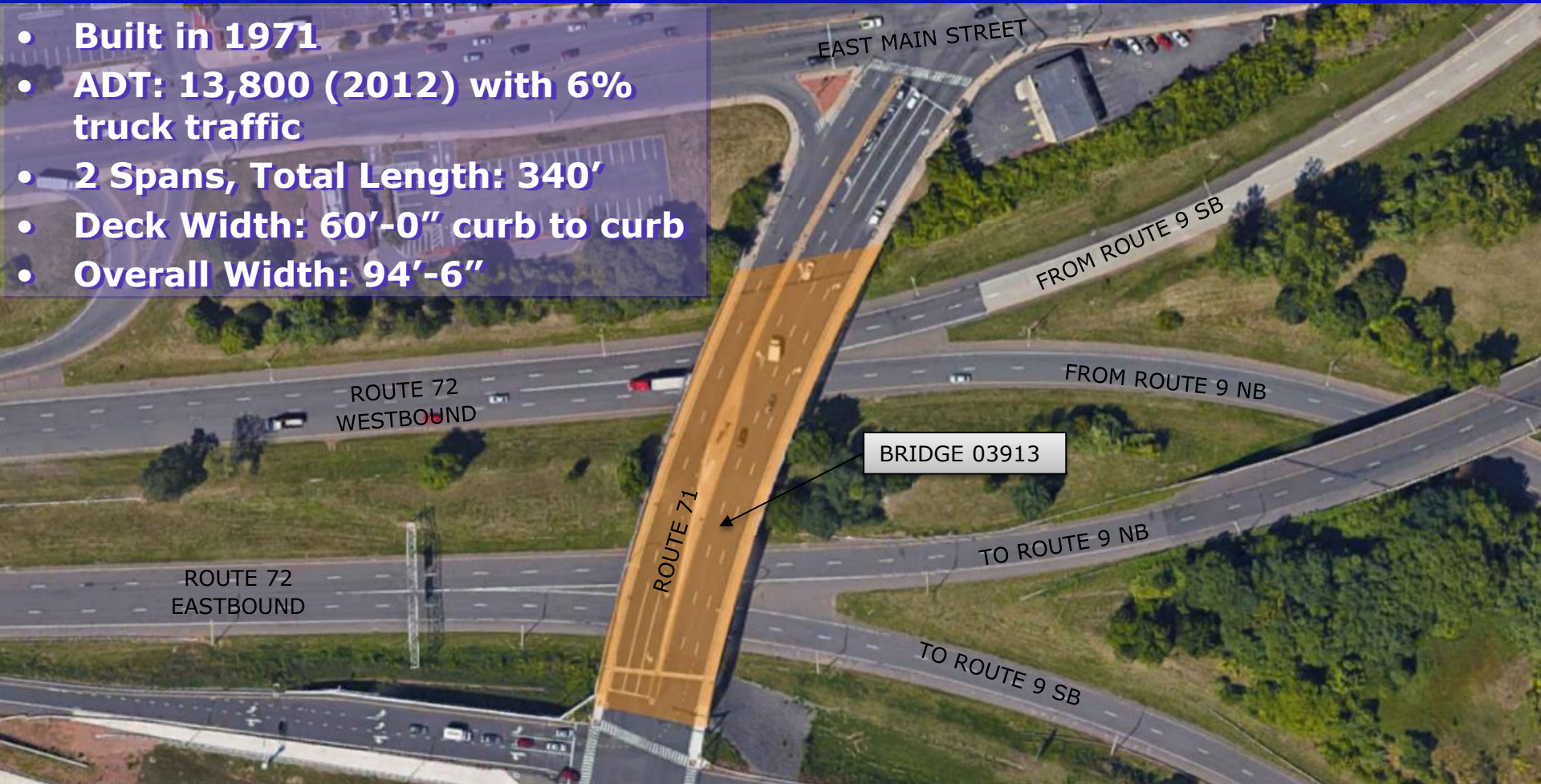


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Existing Bridge No. 03913

- Built in 1971
- ADT: 13,800 (2012) with 6% truck traffic
- 2 Spans, Total Length: 340'
- Deck Width: 60'-0" curb to curb
- Overall Width: 94'-6"



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Existing Bridge No. 03913

- Concrete deck
- Curved Steel Plate Girders
- Concrete Abutments and Pier



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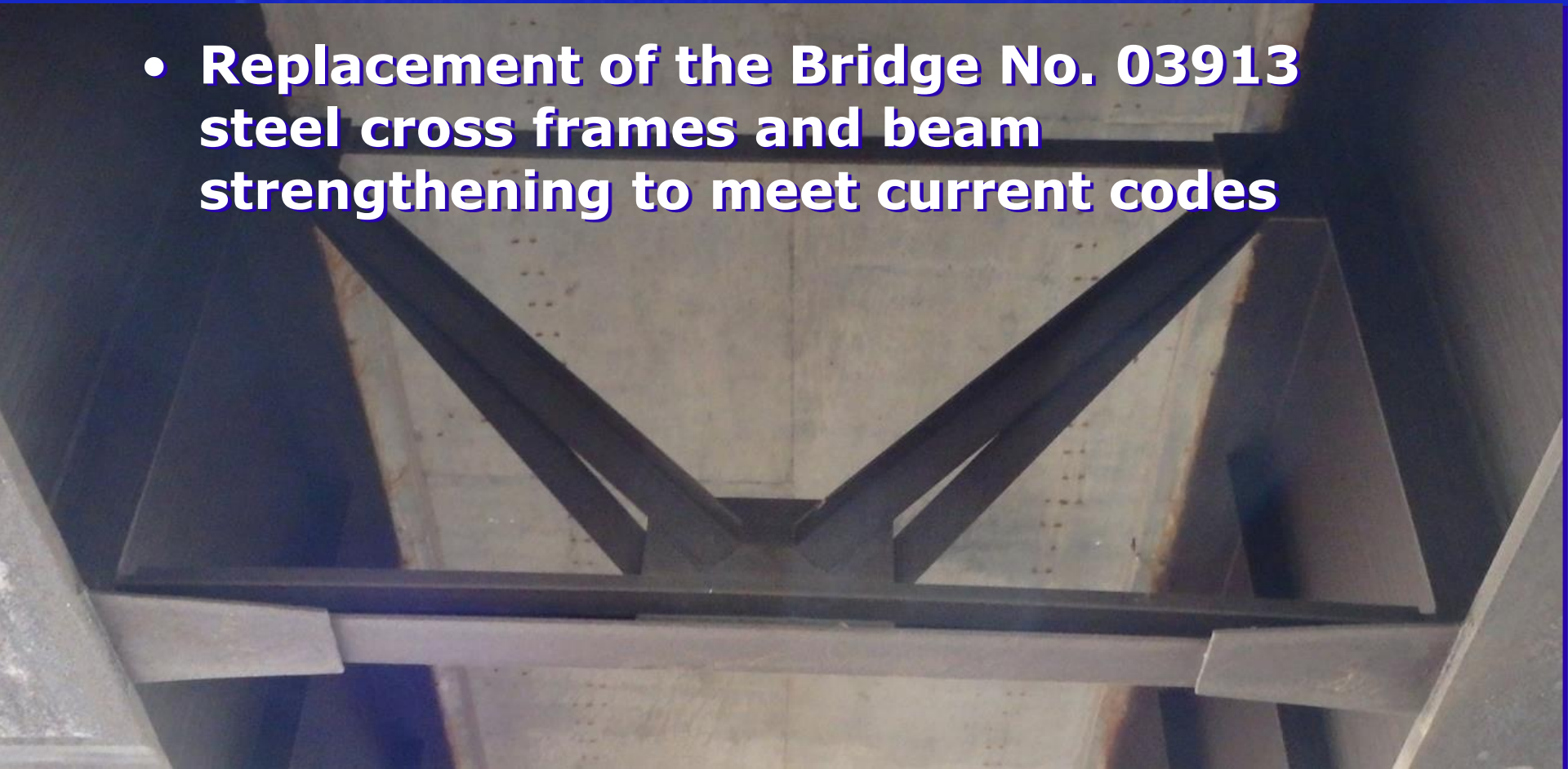
Proposed Construction

- Patching of the existing deck for Bridge No. 03913 and replacement of the asphalt overlay



Proposed Construction

- Replacement of the Bridge No. 03913 steel cross frames and beam strengthening to meet current codes



Proposed Construction

- Repairs to Bridge No. 03912 steel beams

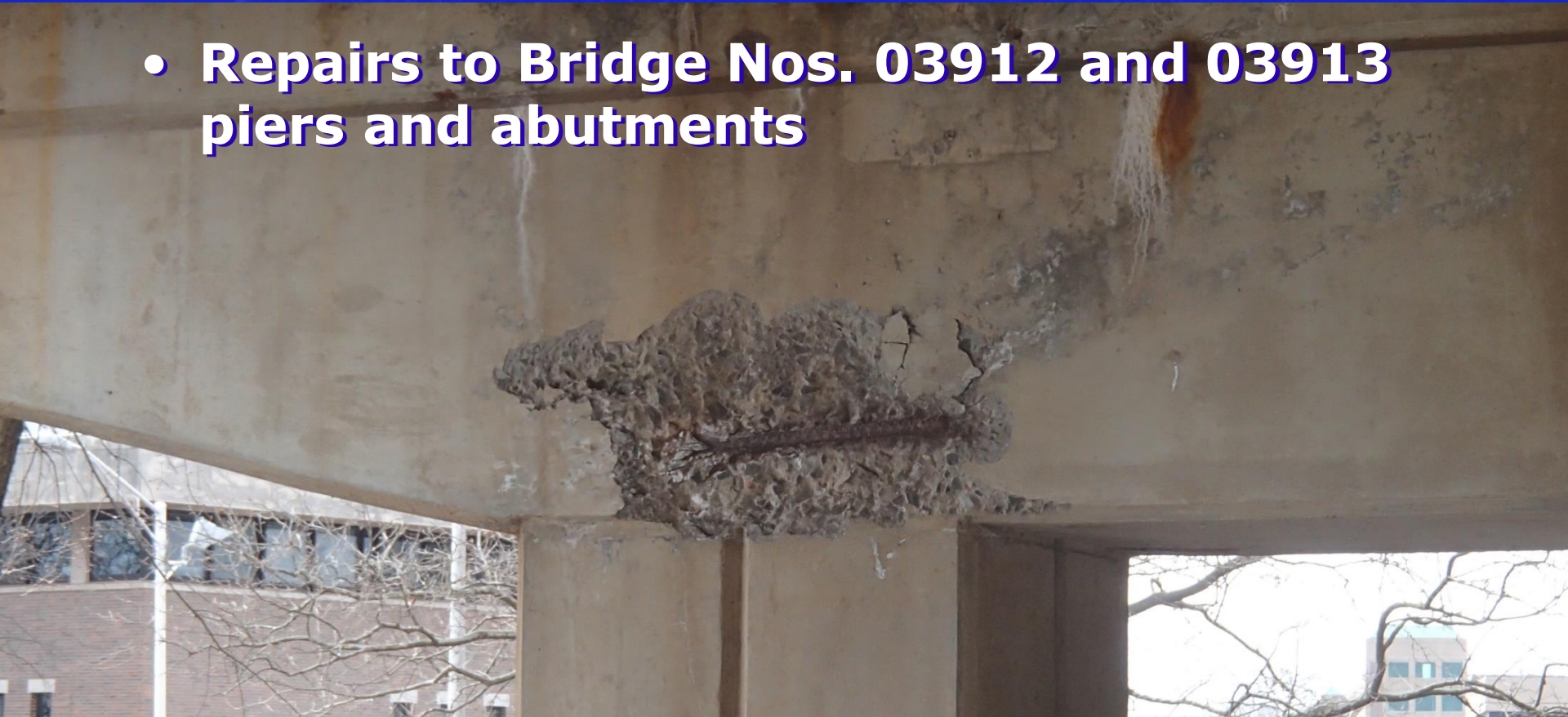


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Proposed Construction

- **Repairs to Bridge Nos. 03912 and 03913 piers and abutments**



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Proposed Construction

- Sidewalk improvements to Bridge No. 03913



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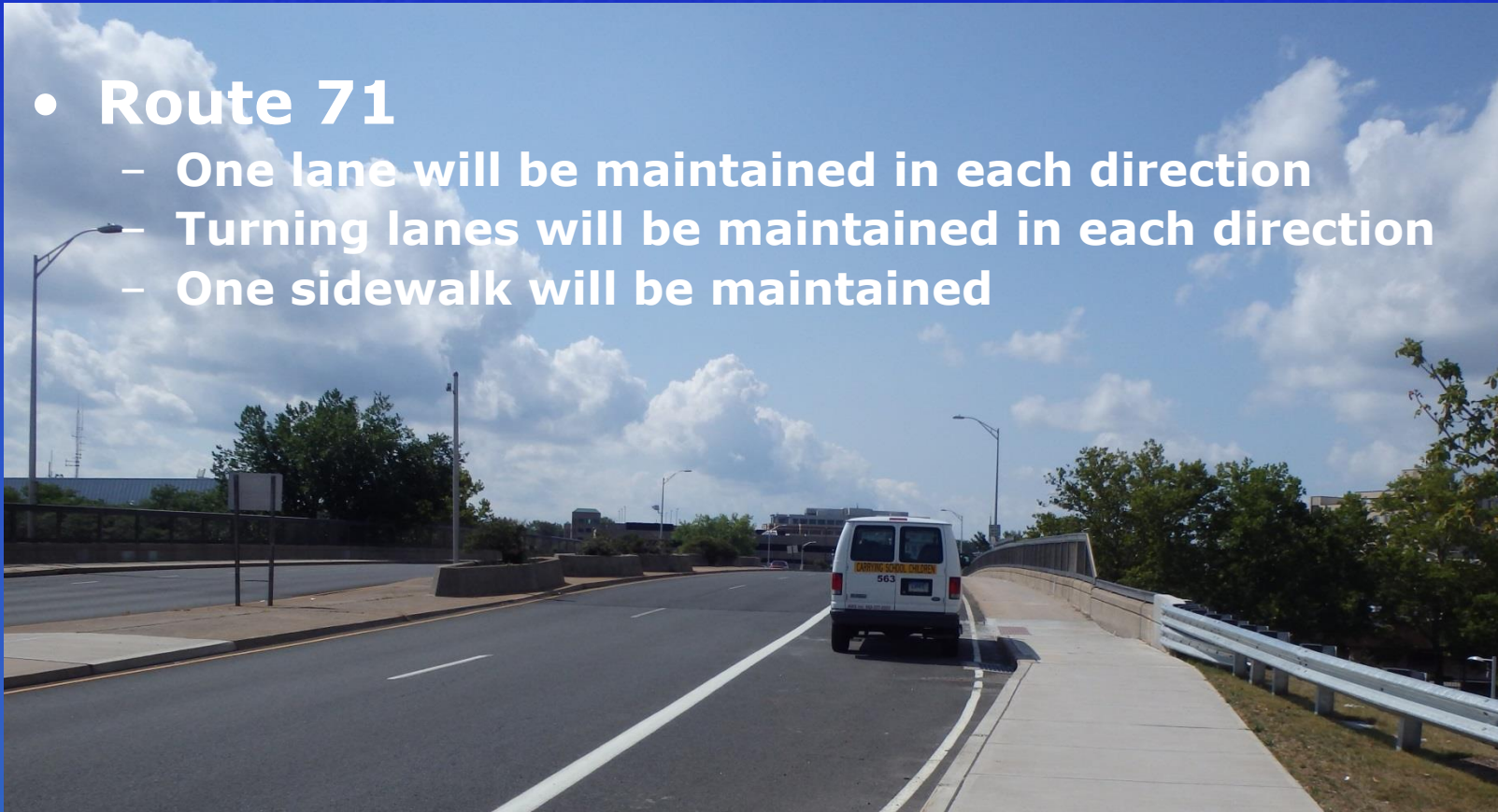


Maintenance & Protection of Traffic

- No Detours

- Route 71

- One lane will be maintained in each direction
- Turning lanes will be maintained in each direction
- One sidewalk will be maintained

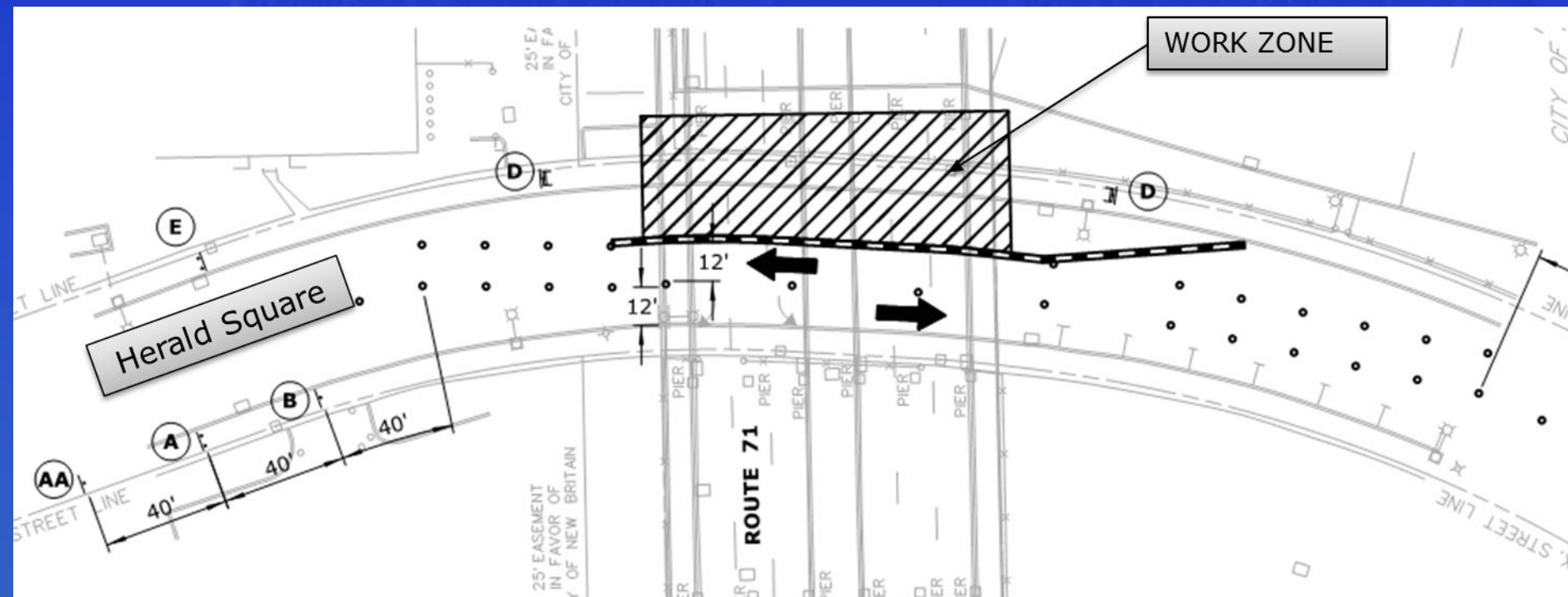


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Maintenance & Protection of Traffic

- **Herald Square**
 - One lane will be maintained
 - Pedestrian walkway will be maintained



Maintenance & Protection of Traffic

- **Columbus Boulevard**
 - One lane will be maintained in each direction
 - Pedestrian walkway will be maintained



Maintenance & Protection of Traffic

- **Route 72**
 - Lane restrictions during off peak hours



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Utility Impacts

No anticipated utility impacts

Eversource owns, operates and maintains power on and below bridges



Department of Transportation Division of Rights of Way (ROW)

**Michelle Miller
Project Coordinator
2800 Berlin Turnpike
P.O. Box 317546
Newington, CT 06131-7546**

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Function

- **Acquire all property/property rights necessary for transportation projects.**



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Statutory References

- **State of Connecticut**

C.G.S. Sections 13a-73 & 13a-98c

- **Federal**

Uniform Relocation Assistance and Real Properties Acquisition Act of 1970, as amended.



Property Impacts

- **Total Acquisitions**
- **Partial Acquisitions**
- **Easements**
- **Construction Easements**
- **Rights**

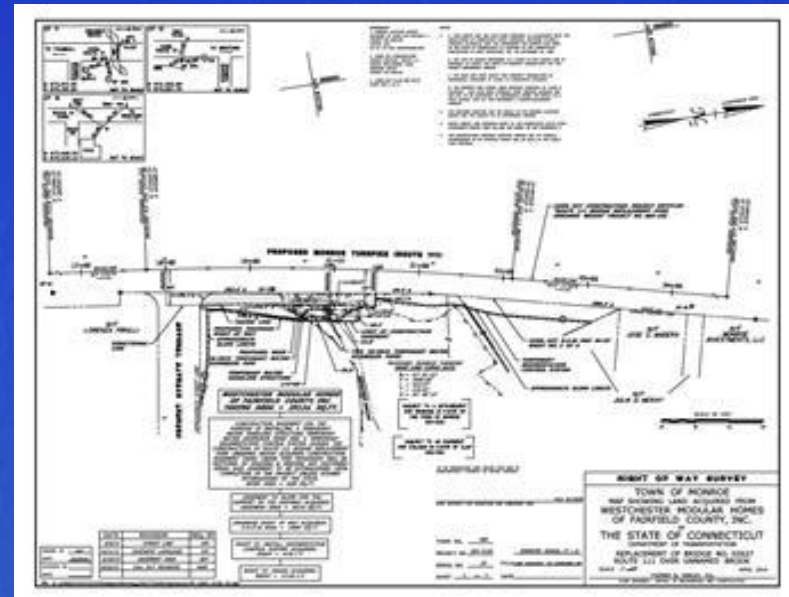


*** Note: Specific impacts are subject to change as the design progresses.**



ROW Acquisition Process

- Letter of Intent to Acquire
- Valuation
- Offer of Just Compensation
- Negotiation
- Acquisition
 - Agreement
 - Eminent Domain/Condemnation
 - » 6 month appeal period



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Timing for Acquisitions

- All property rights must be acquired by the project advertising date.
- Current Advertising Date:
8/31/2016



Project Costs

Estimated Project Cost: \$5.0 million

Bridge reconstruction with State funds

No City funds required



Project Schedule

Anticipated Construction Schedule:

Start - Spring of 2017

Completion - Fall of 2017

Contingent on availability of funding and the completion of the City's Columbus Boulevard project



Thank you for your attention!

Any Questions?

CTDOT Contact Information

Mr. Lou Bacho

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Newington, CT 06131-7546

(860) 594-3212 or Louis.Bacho@ct.gov

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